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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Eric A. Jacobsen

Title: SPARSE CHANNEL ESTIMATION FOR ORTHOGONAL FREQUENCY DIVISION
MULTIPLEXED SIGNALS

Attorney Docket No.: 884.427US1

PATENT APPLICATION TRANSMITTAL

BOX PATENT APPLICATION

Commissioner for Patents
Washington, D.C. 20231

We are transmitting herewith the following attached items and information (as indicated with an "X"):

- ☒ Return postcard.
☒ Utility Patent Application under 37 CFR § 1.53(b) comprising:
☒ Specification (21 pgs, including claims numbered 1 through 29 and a 1 page Abstract).
☒ Formal Drawing(s) (5 sheets).
☒ **Signed Combined Declaration and Power of Attorney** (3 pgs).
☒ Check in the amount of \$952.00 to pay the filing fee.
☒ Assignment of the invention to Intel Corporation (2 pgs) and Recordation Form Cover Sheet.
☒ Check in the amount of \$40.00 to pay the Assignment recording fee.

The filing fee has been calculated below as follows:

	No. Filed	No. Extra	Rate	Fee
TOTAL CLAIMS	29 - 20 =	9	x 18 =	\$162.00
INDEPENDENT CLAIMS	4 - 3 =	1	x 80 =	\$80.00
[] MULTIPLE DEPENDENT CLAIMS PRESENTED				\$0.00
BASIC FEE				\$710.00
TOTAL				\$952.00

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